

Title (en)
Fluid collection arrangement

Title (de)
Flüssigkeitssammelordnung

Title (fr)
Dispositif de collecte de fluide

Publication
EP 2908006 A1 20150819 (EN)

Application
EP 14154894 A 20140212

Priority
EP 14154894 A 20140212

Abstract (en)
The invention describes a fluid collection arrangement (1) realised to collect fluid (F) in a rotating component (20) of an electrical machine, which fluid collection arrangement (1) comprises at least one collection tank (10) arranged on the rotating component (20), and wherein a collection tank (10) comprises an intake opening (11) for the intake of fluid (F); and a furled interior wall arrangement (12) realised to retain the fluid (F) in the collection tank (10) through a complete revolution of the rotating component (20). The invention further describes a wind turbine hub (20) comprising a number of rotor blade mounting interfaces (30) realised to support a number of rotor blades (3), wherein the hub (20) is realised to rotate about a rotation axis (R 20) of a generator and comprises such a fluid collection arrangement (1) to collect fluid leakage (F) from the rotor blade mounting interfaces (30). The invention also describes a wind turbine (2) comprising a hub (20) arranged to support a number of rotor blades (3), and such a fluid collection arrangement (1) arranged in an interior cavity (200) of the hub (20).

IPC 8 full level
F03D 11/00 (2006.01)

CPC (source: EP US)
F03D 80/00 (2016.05 - EP); **F03D 80/70** (2016.05 - EP US); **F05B 2260/603** (2013.01 - EP); **Y02E 10/72** (2013.01 - EP)

Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2908006 A1 20150819

DOCDB simple family (application)
EP 14154894 A 20140212